

HQ'04

Hot Quarks 2004

Workshop for young scientists on the physics of ultrarelativistic nucleus–nucleus collisions

July 18–24, 2004, Taos Valley, New Mexico, USA

- Quark–Gluon–Plasma signatures and theory
- Collective phenomena
- Correlations and fluctuations
- Strangeness production
- Photons and dileptons
- High- p_T phenomena and jet quenching
- Heavy flavor production
- Experimental apparatus

The aim of the workshop is to enhance the direct exchange of scientific information amongst the younger members of the community, both from the experiments and theory. It promotes and facilitates informal interactions among young scientists in the field. The workshop will consist mainly of short presentations, each followed by a relatively long Q&A session. Results from experiments at the GSI, SPS, and RHIC facilities will be discussed.

Workshop attendance is by invitation only. To apply send an email to hq2004@bnl.gov. A number of scholarships will be available for graduate students and postdocs, covering either the registration fee or local expenses. See the workshop's web page for more information: <http://hq2004.bnl.gov>

Organizing committee: Federico Antinori (Padua), Steffen A. Bass (Duke), Rene Bellwied (Wayne State), Thomas S. Ullrich (BNL), Julia Velkovska (Vanderbilt), Urs A. Wiedemann (CERN)

